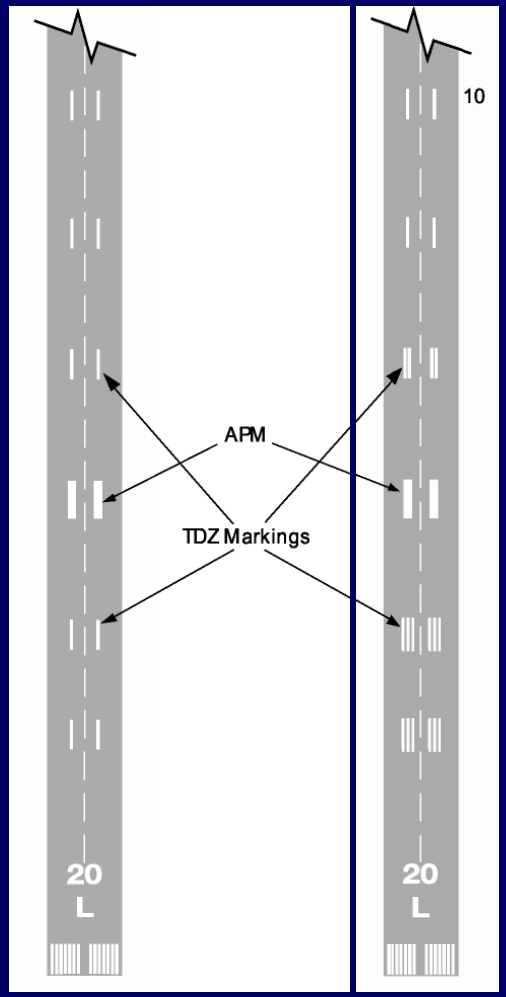
Aerodrome Design

Visual Aids for Navigation:

→ Markings

- ↗ Runway markings are white.
- ↗ Taxiway markings are yellow.

Taxiway Markings



Runway Markings

Aerodrome Markings

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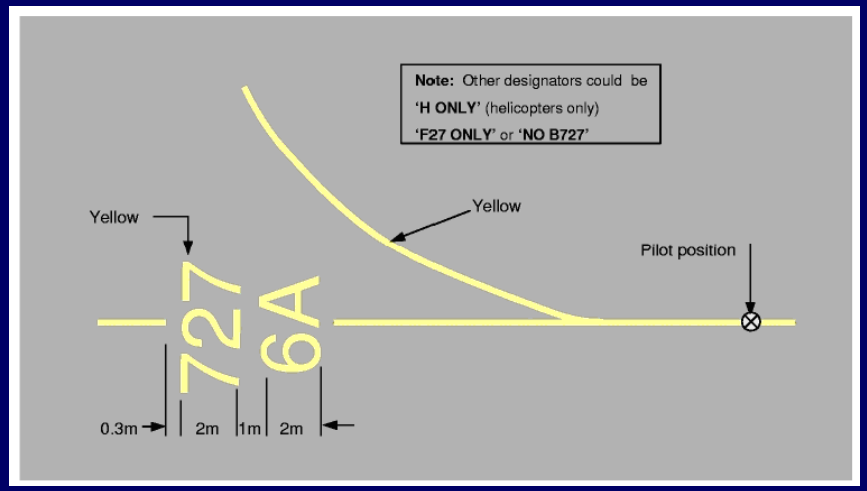
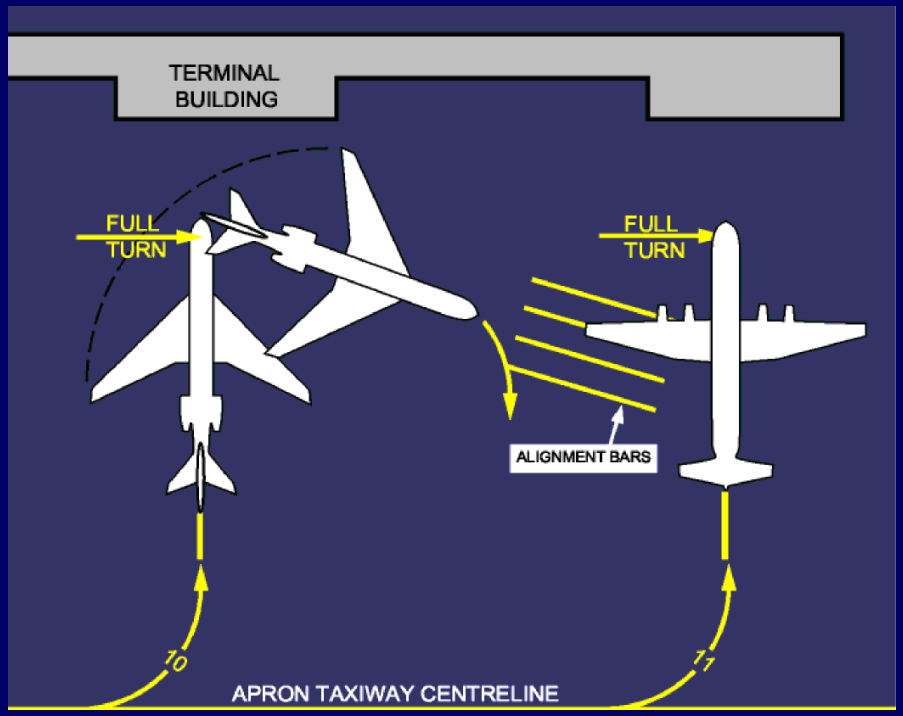
Visual Aids for Navigation

Aircraft Stand Marking



Aircraft Stand Identification Markings (Aircraft type limit)



Aircraft Stand Marking

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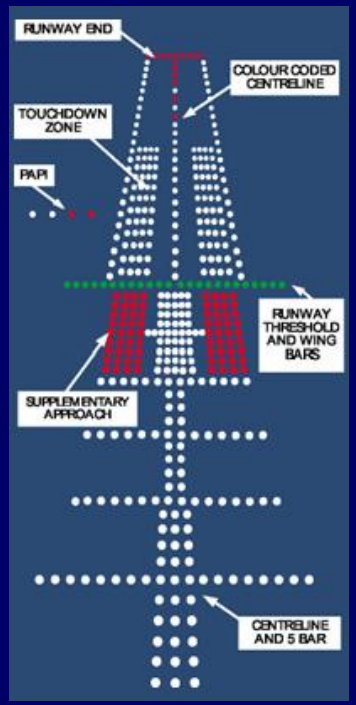
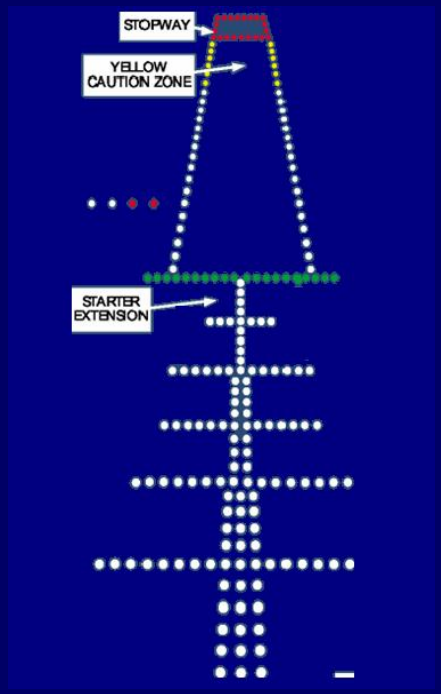
Visual Aids for Navigation

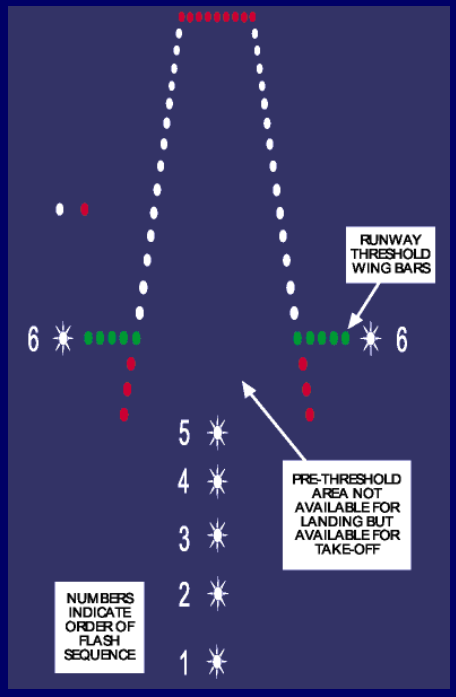
- Lights
  - Approach Lights
  - Runway Lights



Cat. II & III runway



Cat. I runway



Non-instrument /Non-precision approach runway

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Visual Aids for Navigation

- Runway Lights
  - Approach lights are white
  - Runway centreline and edge lights are white.
  - Runway end lights are red.
  - Runway threshold lights are green.
- Taxiway Lights
  - Taxiway edge lights are blue.
  - Taxiway centreline lights are green.

Obstruction Lighting

- All obstructions are identified with lights
  - Red
    - Fixed
    - Flashing
    - Rotating

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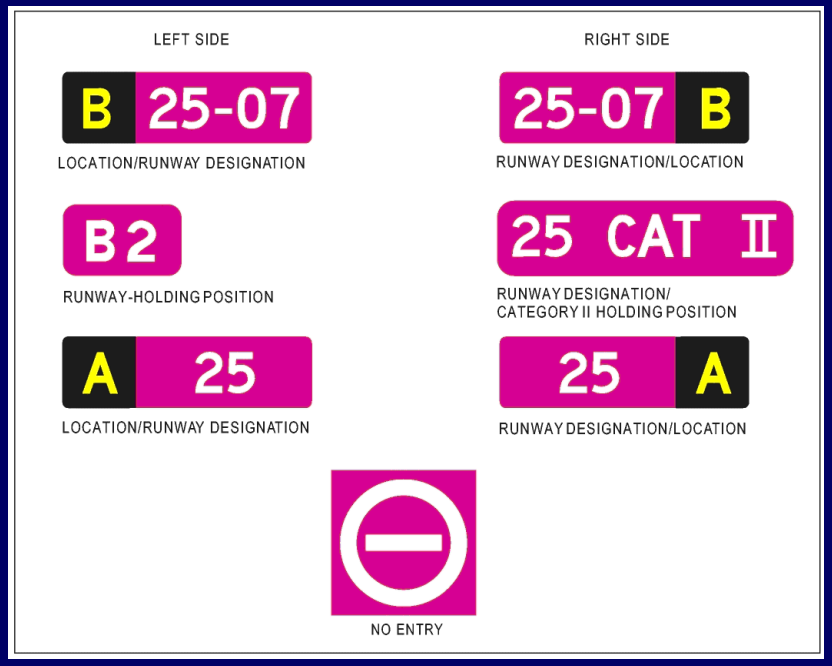
Visual Aids for Navigation

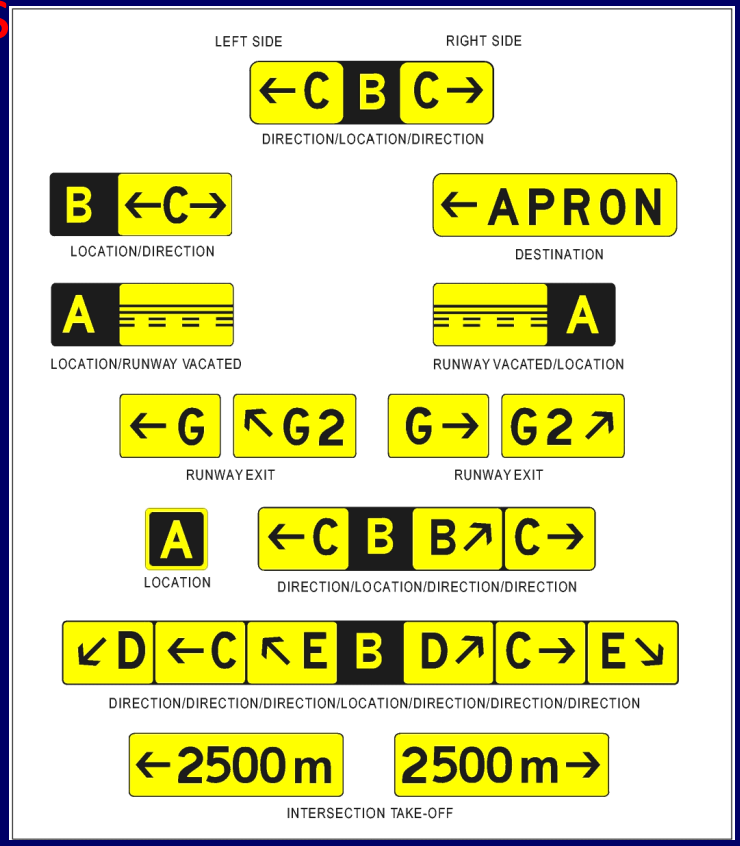
Signs:

→ Mandatory Instruction Signs

→ Information Signs



Mandatory instruction signs



Information signs

Sign Types

- Mandatory instruction signs
  - White inscription with black outline, red background
  - Taxiway/runway intersections
  - Runway/runway intersections
  - No entry

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Visual Aids for Navigation

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Visual Aids for Navigation

Information signs